

## Resource Action Identification Form

It is anticipated that potential Resource Actions may be very preliminary at this stage. Please fill out as many sections as possible (understanding that you may not have this information or it may not be available) but, at a minimum, sections 1, 2, and 3. Resource Actions may be refined, reviewed and parked over time through Work Group, Plenary and Settlement discussions.

**1. Name of Proposed Resource Action:** Protection of Cultural Resource Values at Enterprise – Boat Ramp Extension

**2. Proposed Resource Action – Please describe and include the following:**

- a. Describe the proposed Resource Action in as much detail as practical: Extend the existing boat ramp at Enterprise to maintain formal access during periods of low water surface elevation.

In its current configuration, the boat ramp provides shoreline access to 820 feet. When lake levels fall below that elevation, boaters and other recreation users gain shoreline access by alternative, informal routes, with a detrimental effect on cultural resource values in the area.

- b. Any physical or operational changes:

☒ Yes      ☐ No      ☐ Don't know

If "yes," please explain: Physical change required – extension of existing boat ramp at Enterprise

- c. Proposed start date(s) and duration

Start design: February 2007\*

Start environmental documentation: August 2007\*

Start construction: June 2009\*

Duration: indefinite – permanent structure

\* The proposed schedule is only estimated and subject to revision. If this resource action is adopted, a number of factors may influence its implementation schedule (e.g., availability of DWR design staff, complexity of environmental investigation, lake level at time of construction, etc.).

Furthermore, the California Department of Boating and Waterways (DBW) may be considering extension of the Enterprise ramp under

a separate program. In that case, this resource action would be removed from the relicensing venue and a partnership between DWR and DBW could be formed to ensure adequate protection of cultural resource values in the Enterprise area.

- d. Location (within FERC boundary/outside FERC boundary)

☒ Inside    ☐ Outside    ☐ Don't know

Please specify possible location(s) referring to the linked map (<http://orovillereicensing.water.ca.gov/maps.html>), or providing a map as appropriate: \_\_\_\_\_

- e. Please provide alternative potential Resource Actions for addressing the same resource goal and/or Project 2100 effects referring to the linked map, or providing a map as appropriate:

- 1) close the existing ramp when lake levels are lower than 820 feet, block access, and enforce the restriction;
- 2) abandon the existing ramp entirely, block access, and enforce the restriction;
- 3) construct a new, more usable boat ramp in the vicinity of Enterprise, avoiding impact to other cultural resource values;

☐ unknown

- f. Describe the methods for measuring the goals and performance of the Resource Action or methods for evaluating success against the known resource goal(s): \_\_\_\_\_

☐ unknown

- g. Describe the feasibility of the Resource Action: This proposed boat ramp extension would be a relatively low-cost means of preserving and protecting cultural resource values at Enterprise, currently exposed to damage due to the absence of alternative, formal shoreline access in this area of Lake Oroville. This action would result in moderate capital cost and minimal maintenance costs. Protection of cultural resource values within the Project 2100 boundary has been identified as a resource goal. It may be argued that minimizing damage to cultural resource values and the surrounding environment in the current boat ramp location may be more cost-effective than preventing new damage at an alternative

location. Extension of the existing boat ramp to maintain a formal access route would adequately address this goal at Enterprise.

Temporary (seasonal) closure of the Enterprise ramp during low lake levels would incur significantly lower capital costs than extension of the ramp, but enforcement of the access restriction could result in significant operational costs over time.

Similarly, indefinite closure of the boat ramp at Enterprise would result in minimal capital cost, but would require enforcement on a full-time basis. In addition, the removal of this shoreline access location would be a notable boating/recreation loss.

Development and construction of a new, more usable ramp in the Enterprise vicinity would retain shoreline access for boating and other recreational use; however, this alternative would likely result in higher capital cost than the extension alternative, as more materials and labor would be required for construction. Also, environmental investigation of a new location would possibly be more complex than development of the existing location, as any new location is likely to have a history of limited disturbance.

☐ unknown

- h. Please mark the applicable Working Groups that would be involved in the implementation of this Resource Action:

- ☒ Land Use and Management
- ☒ Recreation & Socioeconomics
- ☒ Cultural Resources
- ☒ Engineering and Operations
- ☒ Environmental

**3. Contact Information for Submitter(s) & Alternate Contact:**

- a. Organization name: Cultural Resources Work Group
- b. Preparer's name, phone number and e-mail address: Chris Acken, (916) 654-4422, [acken@water.ca.gov](mailto:acken@water.ca.gov)
- c. Secondary contact person, phone number and e-mail address: Janis Offermann, (916) 445-6478, [janiso@water.ca.gov](mailto:janiso@water.ca.gov)
- d. Date prepared: April 15, 2003
- e. Organization(s) represented by submitter: CRWG

Please fill out the following questions to the best of your ability, understanding that you may not have this information or it may not be available.

**4. Resource Goals:**

- a. Identify and describe the resource goal the Resource Action is related to, providing reference to the resource goal number(s) described, as appropriate:

C02.01 – Evaluate the need (i.e., project effect, significance of resource) and methods to provide protection of cultural resources;

C02.02 – Emphasize protection of all significant cultural resource values within the APE (including those that lie beneath the reservoir);

C02.03 – Develop special protective measures for “high-risk” situations (e.g., sites exposed to potential damage during reservoir drawdowns or through recreational activities);

C02.06 – Incorporate public education in any protection program;

C03.01 – Develop a Cultural Resources Management Plan to avoid, minimize and mitigate adverse project effects of existing and future project facilities, operations and maintenance on cultural resources;

C03.02 – Develop a Cultural Resources Management Plan based on an understanding of how the operation and maintenance of the project hydroelectric facilities and activities associated with the project (e.g., recreational use/developments, wildlife management, and fuel load management) could affect significant cultural resource values;

C03.03 – Develop management guidelines addressing the potential effects of project activities on cultural resources, with an emphasis on procedures needed to protect and enhance significant resource values.

☐ unknown

- b. Explanation of how the Resource Action furthers that goal:  
In the Enterprise area, a primary cause of damage to archaeological sites is the use of informal routes for shoreline

access. Extension of the existing boat ramp to maintain a formal access route would adequately address this protection goal at Enterprise.

☐ unknown

**5. Identify the Resource Issue/Relationship to Project and Relicensing**

- a. Describe the issue the Resource Action is intended to address, referring as appropriate to Issue Statement(s) number(s): CRE1, CRE9, CRE22, CRE 26, and CRE54. Issue Statement number CRE 61 may also be addressed, if signage regarding the protection of cultural resources is incorporated into this action.

☐ unknown

- b. Describe the relationship between the Resource Action and the project, including any project impacts the Resource Action is intended to address:  
Lake Oroville is a popular boating and recreation area, and in the vicinity of Enterprise, there are few other shoreline access alternatives. On-going use of unauthorized access for boating and other recreation activity is resulting in intentional and unintentional disturbance to archaeological deposits and other cultural resource values within the Project 2100 boundary, namely the Enterprise area.

This issue must be addressed under CEQA and NEPA, and adverse effects to significant cultural resource values must be resolved under Section 106 of the National Historic Preservation Act. Modification of the existing boat ramp would permit continued use for boating and recreation while reducing or even eliminating negative impacts on cultural resources.

☐ unknown

- c. Identify any comprehensive plans that this Resource Action is related to: State Historic Preservation Plan, Lake Oroville Recreation Plan, ...

☐ unknown